

Key Points To Choose Right Programming Language For Project

When starting a project or developing a program it is sometimes not easy to make decision of which programming language must be selected for the job or work. While each technical language or programming has its own unique features and weak points which make you understand why to go for a particular language instead of others. In this discussion we will discuss on the prevalence of different and unique in its own languages which are available in the market which will make your decision easier for a particular language.

Just to have a better understanding, I will try to make it understand like; it will be always easier to smash a hammer on the nails instead of a screwdriver, which means an experienced and professional programmer will tell you which are the best language to use and which will not as per the requirement. So the question is still standing in front of us that which language to use and will be best for the project.

So, firstly we need to look over all the current technologies and languages which are being used in the present market for developing the project. Based on a recent survey, there are mainly eight languages which are being used for web development. Also, there are 13 steps which are used to find the popularity of the languages.

Let's have a look on these points;

- Ranking of the website while searching on the Google.
- Need to find the number of similar result across the web.
- Number of blogs and articles mentioned on the website for reference.
- Need to find out number of books which are published.
- Get all the pages which are linking in.
- Traffic rank etc.
- The number of book marks which are fixed or marked from favorite ones'.
- Presence of social networking on twitter.
- Presence on Facebook websites/pages as well.
- The number of sharing on social networks.

You need to evaluate all the data which needs to be determine and understood. Below you can see the details and current languages available;

- 1) PHP
- 2) Perl
- 3) JAVA
- 4) Lisp
- 5) Python
- 6) Visual Basic
- 7) ASP .NET

8) Ruby on Rails

To give you an over view on the each technologies, we need to understand each on by one. Then only we can understand the weakness and strengths of them. So, let's take top five first here;

PHP: It is being used online since 1997 and is a server-side language which provides a complete solution and its challenges found for dynamic web applications. This is not common in other languages.

Perl: Perl is one of the old technologies which is also known as “granddaddy” of open-source technology. Perl allows in-place editing using that you can edit files from the commands.

JAVA: Java has been a well-known technology for a long period, this is mostly preferred in desktop application.

Ruby on Rails: In comparison with other available technologies, it is one of the new technologies and emerging rapidly. It is mostly used in Large-scale projects.

Python: Python is more productive and easy to implement. It is much easier to run and develop despite their operating systems. Many developers prefer this technology.

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